**Title:** Development and Implementation of Material Certification Process at Redstone Landfill

**Installation:** Redstone Arsenal, Alabama

**POC:** Ken Hewitt, REM, (256) 955-7110

**Mission Benefits:** Garrison is able to control material

disposed of in the Redstone landfill.

**Cost Benefits:** Best management practice to insure cost avoidance from regulatory fines and long term liability of CERCLA waste cleanup costs.

**Environmental Benefits:** Protect the environment by accurately monitoring landfill disposals.

	ATERIAL CERTIFICATION	
rononent POC (name):		Phone:
iovernment Proponent (office symbol):		
Contractor POC (name):		Phone:
Contractor (Company name):		Bldg. No.:
ubcontractor 1 (Company name):		Phone:
ubcontractor 2 (Company name):		Phone:
Certification Number: 0		
Point of Origin: (specify below):	Project Description:	Tracking Number: (choos by circling and noting number):
□ Army □ NASA		DO FWR MSO TO JOI
Other:		Contract Checklist # IC-
	I certify as the Proponent POC that the project & material described here in is	Contract Calculaterics
Building Number:	correct to the best of my knowledge.	
Construction Site: Other (xpec(fj)):	(Signature of Proponent POC)	Type of Recyclable: (circl Concrete Asphalt (milled) Tre Other:
Type of C&D Waste (check all that		
Arsenal (ref: Garrison Regulation 200-7 Ap,	**Sa Waster Profile N  Generator Knowledge  Generator Manuel  G	e: (fy): 1300 attached or on file (circle one) Special Waste disposal on file Number: From CERCLA sites on Redstone ties on Marshall Space Flight Cen
☐ CERTIFIED by DES-IR. A completed and and the CERCLA checklist is on file with this o ☐ CERTIFIED by MSFC-AD10. Signatur MSFC o	office and/or attached.	aterial verifies this waste certification,
	his form accurately describes the material p	ermitted to be delivered to the contaminated, or radioactive wast
Redstone landfill, and that it does not contain		
Redstone landfill, and that it does not contain Signature:		(date)
Redstone landfill, and that it does not contain Signature:  AMSAM-RA DES-IC Nume:		(date)

Example Blank DES Form 2435 "Material Certification" used by Customers on Redstone

**Description:** A material certification process was developed Sep 02 and implemented 1 Oct 03 to control waste disposals at the Redstone landfill. The landfill operates under a state of Alabama permit that allows only construction and demolition waste. This certification process insures that only these types of permitted wastes are managed and disposed. The customer generates the form in coordination with the Directorate of Environment and Safety (DES). The form is coordinated by DES to make sure the candidate waste is not hazardous or is not generated from a CERCLA site or building before being allowed to be placed in the Redstone landfill. A unique number is assigned by DES to the customer's request for the types of wastes and associated customer information that tracks the disposal activity for one FY. The Delivery Ticket is carried by the truck driver issued by the customer over the FY that lists what wastes from the approved Material Certification is being delivered at that time to the landfill. All disposals are logged and reported by the landfill control building for compliance with the Material Certification.

**Cost:** \$0

**Regulatory Drivers:** ADEM Permit 45-3, Garrison Regulation 200-7, Executive Order 13101; Department of Defense Measure of Merit Goal.

## **Lessons Learned:**

- 1. Installation land use controls must be implemented to meet CERCLA waste disposal requirements.
- 2. Disposal management should coordinate with facility planning departments for new construction and demolition projects on the "front end".
- 3. Determining waste disposition and screening out of all CERCLA material prior to approving disposal in the Redstone landfill is necessary since the CERCLA site determination is "fence-to-fence" for Redstone Arsenal.

## **Point of Contact:**

Installation POC: Ken Hewitt, Directorate of Environment and Safety, (256) 955-7110, kenneth.hewitt@redstone.army.mil